

10589035\_CLSTI TLES.txt

Titles of most frequently occurring classifications of patents returned from a search of 10589035 on Dec 01 , 2009

6 375/ E7. 211 (0 OR, 6 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 . Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 211 . . Involving transform and predictive coding, e.g., hybrid coding, Motion Picture Experts Group (MPEG) coding (EPO)

5 704/ E19. 043 (0 OR, 5 XR)

Class 704 DATA PROCESSING; SPEECH SIGNAL PROCESSING, LANGUAGE TRANSLATION, AND AUDIO COMPRESSON/DECOMPRESSON

704/ E19. 001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESES-TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSON OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/ E19. 023 . . Using predictive techniques; codecs based on source-filter modelization (EPO)

704/ E19. 039 . . . Details of speech and audio coders (EPO)

704/ E19. 04 . . . . Vocoder architecture (EPO)

704/ E19. 041 . . . . . Vcoders using multiple modes (EPO)

704/ E19. 043 . . . . . Mode decision, i.e., based on audio signal content versus external parameter (EPO)

4 704/ 223 (4 OR, 0 XR)

Class 704 DATA PROCESSING; SPEECH SIGNAL PROCESSING, LANGUAGE TRANSLATION, AND AUDIO COMPRESSON/DECOMPRESSON

704/ 200 . SPEECH SIGNAL PROCESSING

704/ 201 . . For storage or transmission

704/ 221 . . . Pattern matching vocoders

704/ 223 . . . . Excitation patterns

4 704/ E19. 042 (0 OR, 4 XR)

Class 704 DATA PROCESSING; SPEECH SIGNAL PROCESSING, LANGUAGE TRANSLATION, AND AUDIO COMPRESSON/DECOMPRESSON

704/ E19. 001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESES-TECHNIQUES FOR REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO SIGNALS; COMPRESSON OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

704/ E19. 023 . . Using predictive techniques; codecs based on source-filter modelization (EPO)

704/ E19. 039 . . . Details of speech and audio coders (EPO)

704/ E19. 04 . . . . Vocoder architecture (EPO)

704/ E19. 041 . . . . . Vcoders using multiple modes (EPO)

704/ E19. 042 . . . . . Using sound class specific coding, hybrid encoders, object-based coding (EPO)

4 704/ 230 (1 OR, 3 XR)

Class 704 DATA PROCESSING; SPEECH SIGNAL PROCESSING, LANGUAGE TRANSLATION, AND AUDIO COMPRESSON/DECOMPRESSON

704/ 200 . SPEECH SIGNAL PROCESSING

704/ 201 . . For storage or transmission

704/ 230 . . . Quantization

4 386/ 111 (1 OR, 3 XR)

Class 386 TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR

REPRODUCING

386/ 46 . PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC RECORDING OR

## REPRODUCING

386/ 109 . . Compressing in recording or decompressing in reproducing  
 386/ 111 . . . Intraframe or interframe

4 375/ E7. 148 (0 OR, 4 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING

## PULSE CODE MODULATION (EPO)

375/ E7. 026 . . Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 126 . . . Adaptive or control aspects thereof (EPO)

375/ E7. 132 . . . Controlled element or parameter (EPO)

375/ E7. 146 . . . Coding or prediction mode selection (EPO)

375/ E7. 148 . . . Refresh, i.e., intra-coding mode decision, e.g., at macroblock or picture level (EPO)

4 375/ E7. 224 (0 OR, 4 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING

## PULSE CODE MODULATION (EPO)

375/ E7. 026 . . Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 211 . . . Involving transform and predictive coding, e.g., hybrid coding, Motion Picture Experts Group (MPEG) coding (EPO)

375/ E7. 224 . . . Forced updating thereof, e.g., refresh techniques, intra/inter-coding mode selection at macroblock or picture level (EPO)

3 704/ 219 (3 OR, 0 XR)

Class 704 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/ 200 . SPEECH SIGNAL PROCESSING

704/ 201 .. For storage or transmission

704/ 219 . . Linear prediction

3 704/ 500 (2 OR, 1 XR)

Class 704 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/ 500 . AUDIOSIGNAL BANDWIDTH COMPRESSION OR EXPANSION

3 375/ 340 (1 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ 316 . RECEIVERS

375/ 340 .. Particular pulse demodulator or detector

2 704/ 200. 1 (1 OR, 1 XR)

Class 704 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/ 200 . SPEECH SIGNAL PROCESSING

704/ 200. 1 . . Psychoacoustic

2 704/ 201 (1 OR, 1 XR)

Class 704 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/ 200 . SPEECH SIGNAL PROCESSING

704/ 201 .. For storage or transmission

2 375/ 243 (2 OR, 0 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ 242 . PULSE CODE MODULATION

375/ 243 .. Correcting or reducing quantizing errors

10589035\_CLSTI TLES. txt

2 704/ 203 (1 OR, 1 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LANGUAGE TRANSLATION, AND AUDIO COMPRESSSION/DECOMPRESSION  
 704/ 200 . SPEECH SIGNAL PROCESSING  
 704/ 201 . For storage or transmission  
 704/ 203 . . Transformation

2 375/ 240. 13 (2 OR, 0 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ 240 . BANDWIDTH REDUCTION OR EXPANSION  
 375/ 240. 01 . . Television or motion video signal  
 375/ 240. 12 . . Predictive  
 375/ 240. 13 . . . Inter/inter selection

2 348/ 699 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/ 571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
 348/ 699 . . Motion vector generation

2 375/ E7. 255 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)  
 375/ E7. 026 . . Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)  
 375/ E7. 243 . . . Involving predictive coding (EPO)  
 375/ E7. 255 . . . Using temporal prediction (EPO)

2 375/ E7. 281 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)  
 375/ E7. 279 . . Systems for detection or correction of transmission errors (EPO)  
 375/ E7. 281 . . . Using error concealment (EPO)

2 375/ E7. 25 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)  
 375/ E7. 026 . . Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)  
 375/ E7. 243 . . . Involving predictive coding (EPO)  
 375/ E7. 248 . . . Using subsampling at the coder or sample restitution by interpolation at the coder or decoder (EPO)  
 375/ E7. 25 . . . With motion compensated interpolation, e.g., involving bidirectional frame interpolation, i.e., use of B-pictures (EPO)

2 348/ 700 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/ 571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
 348/ 700 . . Motion dependent key signal generation or scene change detection

2 348/ E9. 037 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/ E9. 001 . DETAILS OF COLOR TELEVISION SYSTEMS (EPO)  
 348/ E9. 037 . . Circuits for processing color signals (EPO)

2 375/ 296 (1 OR, 1 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS

10589035\_CLSTI TLES. txt

375/ 295 . TRANSMITTERS  
 375/ 296 .. Ant noise or distortion (includes predistortion)

2 332/ 107 (0 OR, 2 XR)  
 Class 332 MODULATORS  
 332/ 106 . PULSE OR INTERRUPTED CONTINUOUS WAVE MODULATOR  
 332/ 107 .. Including stabilization or alternatively distortion, noise or other interference prevention, reduction or compensation

2 704/ 229 (1 OR, 1 XR)  
 Class 704 DATA PROCESSING; SPEECH SIGNAL PROCESSING, LANGUAGES, TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/ 200 . SPEECH SIGNAL PROCESSING  
 704/ 201 .. For storage or transmission  
 704/ 229 ... Adaptive bit allocation

2 375/ 325 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ 316 . RECEIVERS  
 375/ 322 .. Angle modulation  
 375/ 324 ... Particular demodulator  
 375/ 325 .... Including coherent detector

2 G9B/ 27. 033 (0 OR, 2 XR)  
 Class G9B INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER  
 G9B/ 27 . Editing; Indexing; Addressing; Timing or synchronizing; Monitoring; Measuring tape travel {G11B 27/ 00}  
 G9B/ 27. 017 .. Indexing; Addressing; Timing or synchronizing; Measuring tape travel {G11B 27/ 10}  
 G9B/ 27. 025 ... by using information detectable on the record carrier {G11B 27/ 19}  
 G9B/ 27. 029 .... by using information signals recorded by the same method as the main recording [N: G9B/ 27. 026 takes precedence] {G11B 27/ 28}  
 G9B/ 27. 03 ..... on the same track as the main recording {G11B 27/ 30}  
 G9B/ 27. 033 ..... [N: used signal is digitally coded] {G11B 27/ 30C}

2 375/ 244 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ 242 . PULSE CODE MODULATION  
 375/ 244 .. Differential

2 375/ 240. 16 (2 OR, 0 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ 240 . BANDWIDTH REDUCTION OR EXPANSION  
 375/ 240. 01 .. Televison or motion video signal  
 375/ 240. 12 ... Predictive  
 375/ 240. 16 .... Motion vector

2 386/ E9. 013 (0 OR, 2 XR)  
 Class 386 TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR REPRODUCTION  
 386/ E9. 001 . PROCESSING OF COLOR TELEVISION SIGNALS IN CONNECTION WITH RECORDING (EPO)  
 386/ E9. 011 .. Transformation of the television signal for recording (e.g., modulation, frequency changing, etc.); inverse transformation for playback (EPO)  
 386/ E9. 012 ... Involving pulse code modulation of the color picture signal components (EPO)  
 386/ E9. 013 .... Involving data reduction (EPO)

2 375/ 265 (1 OR, 1 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS

10589035\_CLSTI TLES.txt

375/ 259 . SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
 375/ 260 ... Plural channels for transmission of a single pulse train  
 375/ 261 ... Quadrature amplitude modulation  
 375/ 265 .... Trellis encoder or Trellis decoder

2 375/ E7. 081 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/ E7. 026 ... Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/ E7. 076 .... Involving video objects (EPO)  
 375/ E7. 081 .... Shape coding thereof (EPO)

2 375/ E7. 088 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/ E7. 026 ... Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/ E7. 088 .... Involving coding of different picture or data components  
 (EPO)

2 375/ E7. 111 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/ E7. 026 ... Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/ E7. 104 .... Motion estimation thereof; processing of motion vectors  
 for bandwidth reduction purposes (EPO)  
 375/ E7. 105 .... Methods (EPO)  
 375/ E7. 109 .... Nonblock-based processing (EPO)  
 375/ E7. 111 .... Using regions (EPO)

2 375/ E7. 124 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/ E7. 026 ... Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/ E7. 104 .... Motion estimation thereof; processing of motion vectors  
 for bandwidth reduction purposes (EPO)  
 375/ E7. 123 .... Processing of motion vectors (EPO)  
 375/ E7. 124 .... Encoding (EPO)

2 375/ E7. 222 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/ E7. 026 ... Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/ E7. 211 .... Involving transform and predictive coding, e.g., hybrid  
 coding, Motion Picture Experts Group (MPEG) coding (EPO)  
 375/ E7. 222 .... Multiplexing arrangements thereof, e.g., suited to a  
 video bitstream syntax (EPO)

2 375/ E7. 256 (0 OR, 2 XR)

Class 375

375/ E7. 001 PULSE OR DIGITAL COMMUNICATIONS

PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction; source coding or decoding of digital video signal, e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 243 .... Involving predictive coding (EPO)

375/ E7. 255 ..... Using temporal prediction (EPO)

375/ E7. 256 ..... Using motion compensation, e.g., by means of motion vectors (EPO)

2 375/ E7. 267 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING

PULSE CODE MODULATION (EPO)

375/ E7. 267 .. Systems for transmission of a pulse code modulated video signal with one or more other pulse code modulated signals, e.g., an audio signal, a synchronizing signal (EPO)